IT Unit 4

Topic 2

# Information management

**Ch 6, Security Measures** (Informatics, p 280-280)

**Disaster recovery plans**

1. What is a disaster recovery plan?
2. What are the benefits of a DRP?
3. List the four main components of a DRP.
4. A Creating a DRP:
   1. Scope
      1. What does a risk assessment involve?
      2. What is a contingency plan?
      3. Why is it important to allocate emergency responsibilities?
      4. What does an audit involve?
      5. How should key information be kept?

**Backup scheme**

1. Distinguish between the following backup schemes:
   1. Daily incremental
   2. Weekly full
   3. Differential
   4. Partial
2. What is meant by continuous data protection and why is it becoming popular?

**Backup media**

1. List the strengths and weaknesses of the following backup media:
   1. Tape
   2. External hard drive
   3. Online, cloud
   4. CD/DVD
   5. USB flash drive
2. Where should backup media be stored?
3. What is a NAS device?

**Testing the backup scheme**

1. Why is testing of the backup scheme vital?
2. Outline some methods of testing a backup scheme.

**Testing the disaster plan**

1. Why should DRP’s be regularly tested? What does this involve?
2. With the recovery strategy how is the recovery verified?

**Consequences of security failure**

1. List the potential consequences of security failure.